Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
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13 August, 2003

Bruce Lewis
Environmental Resources Management
2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833

RE: Aerojet RI/FS
Work Order: P307437

Enclosed are the results of analyses for samples received by the laboratory on 07/21/03 16:41. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stacy P. Hoch For Mark Shipman
Project Manager

CA ELAP Certificate #2374

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FCS-SB01-2.5	P307437-01	Soil	07/21/03 09:59	07/21/03 16:41
FCS-SB01-5	P307437-02	Soil	07/21/03 10:05	07/21/03 16:41
FCS-SB01-10	P307437-03	Soil	07/21/03 10:15	07/21/03 16:41
FCS-SB01-15	P307437-04	Soil	07/21/03 10:20	07/21/03 16:41
FCS-SB01-20	P307437-05	Soil	07/21/03 10:27	07/21/03 16:41
10D-SB03-1	P307437-06	Soil	07/21/03 12:52	07/21/03 16:41
10D-SB03D-1	P307437-07	Soil	07/21/03 12:52	07/21/03 16:41
10D-SB03-2.5	P307437-08	Soil	07/21/03 12:58	07/21/03 16:41
10D-SB03-5	P307437-09	Soil	07/21/03 13:06	07/21/03 16:41
10D-SB03-10E	P307437-10	Water	07/21/03 13:11	07/21/03 16:41
10D-SB03-10	P307437-11	Soil	07/21/03 13:14	07/21/03 16:41

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Tentatively Identified Compounds by GC/MS
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-2.5 (P307437-01) Soil Sampled: 07/21/03 09:59 Received: 07/21/03 16:41										
No TICs found	ND		10	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
FCS-SB01-5 (P307437-02) Soil Sampled: 07/21/03 10:05 Received: 07/21/03 16:41										
Sulfur, mol. (S8)	**100**		10	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
FCS-SB01-10 (P307437-03) Soil Sampled: 07/21/03 10:15 Received: 07/21/03 16:41										
No TICs found	ND		10	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
FCS-SB01-15 (P307437-04) Soil Sampled: 07/21/03 10:20 Received: 07/21/03 16:41										
No TICs found	ND		10	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
FCS-SB01-20 (P307437-05) Soil Sampled: 07/21/03 10:27 Received: 07/21/03 16:41										
No TICs found	ND		9	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
10D-SB03-1 (P307437-06) Soil Sampled: 07/21/03 12:52 Received: 07/21/03 16:41										
No TICs found	ND		10	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
10D-SB03D-1 (P307437-07) Soil Sampled: 07/21/03 12:52 Received: 07/21/03 16:41										
No TICs found	ND		10	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
10D-SB03-2.5 (P307437-08) Soil Sampled: 07/21/03 12:58 Received: 07/21/03 16:41										
Tebuthiuron	**200**		10	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Unknown alkane 1	**200**		10	"	"	"	"	"	"	
Unknown alkane 2	**100**		10	"	"	"	"	"	"	
Unknown alkane 3	**100**		10	"	"	"	"	"	"	
Unknown cycloalkane 1	**100**		10	"	"	"	"	"	"	
Unknown cycloalkane 2	**200**		10	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Tentatively Identified Compounds by GC/MS
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03-5 (P307437-09) Soil Sampled: 07/21/03 13:06 Received: 07/21/03 16:41										
No TICs found	ND		10	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
10D-SB03-10E (P307437-10) Water Sampled: 07/21/03 13:11 Received: 07/21/03 16:41										
No TICs found	ND		10	ug/l	1	3070597	07/28/03	08/06/03	EPA 8270C	
10D-SB03-10 (P307437-11) Soil Sampled: 07/21/03 13:14 Received: 07/21/03 16:41										
No TICs found	ND		10	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-2.5 (P307437-01) Soil	**Sampled: 07/21/03 09:59**	**Received: 07/21/03 16:41**								
Acenaphthene	ND	8.7	330	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	**64**	9.3	330	"	"	"	"	"	"	J
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-2.5 (P307437-01) Soil Sampled: 07/21/03 09:59 Received: 07/21/03 16:41										
2,6-Dinitrotoluene	ND	13	330	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*68 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*79 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*79 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*85 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*97 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*105 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-5 (P307437-02) Soil Sampled: 07/21/03 10:05 Received: 07/21/03 16:41										
Acenaphthene	ND	8.7	330	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-5 (P307437-02) Soil Sampled: 07/21/03 10:05 Received: 07/21/03 16:41										
2,4-Dinitrotoluene	ND	20	330	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*74 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*83 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*88 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*90 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*95 %*	*51-144*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-5 (P307437-02) Soil Sampled: 07/21/03 10:05 Received: 07/21/03 16:41										
Surrogate: Terphenyl-d14		*107 %*	*64-119*			*3070610*	*07/29/03*	*08/01/03*	*EPA 8270C*	
FCS-SB01-10 (P307437-03) Soil Sampled: 07/21/03 10:15 Received: 07/21/03 16:41										
Acenaphthene	ND	8.7	330	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-10 (P307437-03) Soil Sampled: 07/21/03 10:15 Received: 07/21/03 16:41										
4,6-Dinitro-2-methylphenol	ND	17	1700	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*75 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*84 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*89 %*	*16-126*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-10 (P307437-03) Soil	**Sampled: 07/21/03 10:15**	**Received: 07/21/03 16:41**								
Surrogate: 2-Fluorobiphenyl		*92 %*	*28-134*			*3070610*	*07/29/03*	*08/01/03*	*EPA 8270C*	
Surrogate: 2,4,6-Tribromophenol		*98 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*110 %*	*64-119*			"	"	"	"	
FCS-SB01-15 (P307437-04) Soil	**Sampled: 07/21/03 10:20**	**Received: 07/21/03 16:41**								
Acenaphthene	ND	8.7	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-15 (P307437-04) Soil Sampled: 07/21/03 10:20 Received: 07/21/03 16:41										
2,4-Dimethylphenol	ND	36	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*71 %*	*11-120*			"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-15 (P307437-04) Soil	**Sampled: 07/21/03 10:20**	**Received: 07/21/03 16:41**								
Surrogate: Phenol-d6		*81 %*	*16-130*			*3070610*	*07/29/03*	*08/02/03*	*EPA 8270C*	
Surrogate: Nitrobenzene-d5		*83 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*85 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*95 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*110 %*	*64-119*			"	"	"	"	
FCS-SB01-20 (P307437-05) Soil	**Sampled: 07/21/03 10:27**	**Received: 07/21/03 16:41**								
Acenaphthene	ND	7.5	280	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Acenaphthylene	ND	6.6	280	"	"	"	"	"	"	
Anthracene	ND	12	280	"	"	"	"	"	"	
Azobenzene	ND	17	280	"	"	"	"	"	"	
Benzidine	ND	1500	1500	"	"	"	"	"	"	
Benzoic acid	ND	2.3	1500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	6.5	280	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	12	280	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	7.6	280	"	"	"	"	"	"	
Benzo (a) pyrene	ND	8.6	280	"	"	"	"	"	"	
Benzyl alcohol	ND	9.6	570	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	7.8	280	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	13	280	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	13	280	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	**31**	8.0	280	"	"	"	"	"	"	J
4-Bromophenyl phenyl ether	ND	11	280	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	9.7	280	"	"	"	"	"	"	
4-Chloroaniline	ND	50	570	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	9.3	570	"	"	"	"	"	"	
2-Chloronaphthalene	ND	8.5	280	"	"	"	"	"	"	
2-Chlorophenol	ND	14	280	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	11	280	"	"	"	"	"	"	
Chrysene	ND	9.3	280	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	16	280	"	"	"	"	"	"	
Dibenzofuran	ND	8.2	280	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	10	280	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	14	280	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	280	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	13	280	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	38	570	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-20 (P307437-05) Soil Sampled: 07/21/03 10:27 Received: 07/21/03 16:41										
2,4-Dichlorophenol	ND	13	280	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Diethyl phthalate	ND	12	280	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	31	280	"	"	"	"	"	"	
Dimethyl phthalate	ND	9.7	280	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	15	1500	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	8.8	1500	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	17	280	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	12	280	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	9.7	280	"	"	"	"	"	"	
Fluoranthene	ND	9.7	280	"	"	"	"	"	"	
Fluorene	ND	6.8	280	"	"	"	"	"	"	
Hexachlorobenzene	ND	13	280	"	"	"	"	"	"	
Hexachlorobutadiene	ND	15	280	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	8.6	280	"	"	"	"	"	"	
Hexachloroethane	ND	15	280	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	9.6	280	"	"	"	"	"	"	
Isophorone	ND	12	280	"	"	"	"	"	"	
2-Methylnaphthalene	ND	8.8	280	"	"	"	"	"	"	
2-Methylphenol	ND	14	280	"	"	"	"	"	"	
4-Methylphenol	ND	9.8	280	"	"	"	"	"	"	
Naphthalene	ND	12	280	"	"	"	"	"	"	
2-Nitroaniline	ND	15	1500	"	"	"	"	"	"	
3-Nitroaniline	ND	15	1500	"	"	"	"	"	"	
4-Nitroaniline	ND	19	1500	"	"	"	"	"	"	
Nitrobenzene	ND	14	280	"	"	"	"	"	"	
2-Nitrophenol	ND	12	280	"	"	"	"	"	"	
4-Nitrophenol	ND	20	1500	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	14	280	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	14	280	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	13	280	"	"	"	"	"	"	
Pentachlorophenol	ND	10	1500	"	"	"	"	"	"	
Phenanthrene	ND	12	280	"	"	"	"	"	"	
Phenol	ND	11	280	"	"	"	"	"	"	
Pyrene	ND	10	280	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	13	280	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	12	280	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
FCS-SB01-20 (P307437-05) Soil Sampled: 07/21/03 10:27 Received: 07/21/03 16:41										
2,4,6-Trichlorophenol	ND	8.1	280	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Surrogate: 2-Fluorophenol		*71 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*80 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*86 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*87 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*93 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*107 %*	*64-119*			"	"	"	"	
10D-SB03-1 (P307437-06) Soil Sampled: 07/21/03 12:52 Received: 07/21/03 16:41										
Acenaphthene	ND	8.7	330	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03-1 (P307437-06) Soil Sampled: 07/21/03 12:52 Received: 07/21/03 16:41										
1,3-Dichlorobenzene	ND	14	330	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03-1 (P307437-06) Soil Sampled: 07/21/03 12:52 Received: 07/21/03 16:41										
Pyrene	ND	12	330	ug/kg	1	3070610	07/29/03	08/01/03	EPA 8270C	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*58 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*70 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*80 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*77 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*62 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*102 %*	*64-119*			"	"	"	"	
10D-SB03D-1 (P307437-07) Soil Sampled: 07/21/03 12:52 Received: 07/21/03 16:41										
Acenaphthene	ND	8.7	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03D-1 (P307437-07) Soil Sampled: 07/21/03 12:52 Received: 07/21/03 16:41										
Dibenzofuran	ND	9.6	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03D-1 (P307437-07) Soil Sampled: 07/21/03 12:52 Received: 07/21/03 16:41										
Pentachlorophenol	ND	12	1700	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*59 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*71 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*77 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*74 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*65 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*98 %*	*64-119*			"	"	"	"	
10D-SB03-2.5 (P307437-08) Soil Sampled: 07/21/03 12:58 Received: 07/21/03 16:41										
Acenaphthene	ND	8.7	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	**49**	9.3	330	"	"	"	"	"	"	J
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03-2.5 (P307437-08) Soil Sampled: 07/21/03 12:58 Received: 07/21/03 16:41										
Chrysene	ND	11	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03-2.5 (P307437-08) Soil Sampled: 07/21/03 12:58 Received: 07/21/03 16:41										
N-Nitrosodiphenylamine	ND	17	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*60 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*72 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*73 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*83 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*91 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*97 %*	*64-119*			"	"	"	"	
10D-SB03-5 (P307437-09) Soil Sampled: 07/21/03 13:06 Received: 07/21/03 16:41										
Acenaphthene	ND	8.7	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	15	330	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03-5 (P307437-09) Soil Sampled: 07/21/03 13:06 Received: 07/21/03 16:41										
2-Chloronaphthalene	ND	9.9	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	
2-Methylphenol	ND	16	330	"	"	"	"	"	"	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03-5 (P307437-09) Soil Sampled: 07/21/03 13:06 Received: 07/21/03 16:41										
2-Nitrophenol	ND	14	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*66 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*76 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*78 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*80 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*87 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*104 %*	*64-119*			"	"	"	"	
10D-SB03-10E (P307437-10) Water Sampled: 07/21/03 13:11 Received: 07/21/03 16:41										
Acenaphthene	ND	1.2	10	ug/l	1	3070597	07/28/03	08/06/03	EPA 8270C	
Acenaphthylene	ND	1.4	10	"	"	"	"	"	"	
Anthracene	ND	0.61	10	"	"	"	"	"	"	
Azobenzene	ND	0.64	20	"	"	"	"	"	"	
Benzidine	ND	3.2	51	"	"	"	"	"	"	
Benzoic acid	ND	3.9	51	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.44	10	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	1.2	10	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.65	10	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.88	10	"	"	"	"	"	"	
Benzyl alcohol	ND	3.9	20	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	1.1	10	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	1.5	10	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	1.5	10	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	2.9	10	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	0.71	10	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03-10E (P307437-10) Water	**Sampled: 07/21/03 13:11**	**Received: 07/21/03 16:41**								
Butyl benzyl phthalate	ND	2.7	10	ug/l	1	3070597	07/28/03	08/06/03	EPA 8270C	
4-Chloroaniline	ND	0.56	20	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	2.3	20	"	"	"	"	"	"	
2-Chloronaphthalene	ND	1.4	10	"	"	"	"	"	"	
2-Chlorophenol	ND	0.31	10	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	0.98	10	"	"	"	"	"	"	
Chrysene	ND	0.45	10	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.56	10	"	"	"	"	"	"	
Dibenzofuran	ND	1.1	10	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	1.1	10	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.8	10	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.8	10	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.8	10	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	2.9	20	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	0.47	10	"	"	"	"	"	"	
Diethyl phthalate	ND	0.42	10	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.4	10	"	"	"	"	"	"	
Dimethyl phthalate	ND	0.57	10	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	3.4	51	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	2.3	51	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	0.83	10	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	0.77	10	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	0.82	10	"	"	"	"	"	"	
Fluoranthene	ND	0.44	10	"	"	"	"	"	"	
Fluorene	ND	1.0	10	"	"	"	"	"	"	
Hexachlorobenzene	ND	0.80	10	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.5	10	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	0.31	10	"	"	"	"	"	"	
Hexachloroethane	ND	1.7	10	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.62	10	"	"	"	"	"	"	
Isophorone	ND	0.72	10	"	"	"	"	"	"	
2-Methylnaphthalene	ND	1.4	10	"	"	"	"	"	"	
2-Methylphenol	ND	3.4	10	"	"	"	"	"	"	
4-Methylphenol	ND	3.0	10	"	"	"	"	"	"	
Naphthalene	ND	1.6	10	"	"	"	"	"	"	
2-Nitroaniline	ND	0.70	51	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03-10E (P307437-10) Water	**Sampled: 07/21/03 13:11**	**Received: 07/21/03 16:41**								
3-Nitroaniline	ND	0.55	51	ug/l	1	3070597	07/28/03	08/06/03	EPA 8270C	
4-Nitroaniline	ND	0.62	51	"	"	"	"	"	"	
Nitrobenzene	ND	1.3	10	"	"	"	"	"	"	
2-Nitrophenol	ND	0.42	10	"	"	"	"	"	"	
4-Nitrophenol	ND	0.52	51	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	1.5	20	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	3.9	10	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	0.59	10	"	"	"	"	"	"	
Pentachlorophenol	ND	3.1	51	"	"	"	"	"	"	
Phenanthrene	ND	0.57	10	"	"	"	"	"	"	
Phenol	ND	0.48	10	"	"	"	"	"	"	
Pyrene	ND	0.28	10	"	"	"	"	"	"	
Pyridine	ND	3.8	10	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.7	10	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	0.62	10	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	0.31	10	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*58 %*	*15-103*			"	"	"	"	
Surrogate: Phenol-d6		*77 %*	*18-115*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*91 %*	*39-103*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*93 %*	*40-124*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*104 %*	*11-142*			"	"	"	"	
Surrogate: Terphenyl-d14		*120 %*	*56-139*			"	"	"	"	
10D-SB03-10 (P307437-11) Soil	**Sampled: 07/21/03 13:14**	**Received: 07/21/03 16:41**								
Acenaphthene	ND	8.7	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Acenaphthylene	ND	7.6	330	"	"	"	"	"	"	
Anthracene	ND	14	330	"	"	"	"	"	"	
Azobenzene	ND	20	330	"	"	"	"	"	"	
Benzidine	ND	1700	1700	"	"	"	"	"	"	
Benzoic acid	ND	2.7	1700	"	"	"	"	"	"	
Benzo (a) anthracene	ND	7.6	330	"	"	"	"	"	"	
Benzo (b+k) fluoranthene (total)	ND	13	330	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	8.8	330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	10	330	"	"	"	"	"	"	
Benzyl alcohol	ND	11	660	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	9.1	330	"	"	"	"	"	"	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03-10 (P307437-11) Soil Sampled: 07/21/03 13:14 Received: 07/21/03 16:41										
Bis(2-chloroethyl)ether	ND	15	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
Bis(2-chloroisopropyl)ether	ND	16	330	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	11	330	"	"	"	"	"	"	
4-Chloroaniline	ND	58	660	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	11	660	"	"	"	"	"	"	
2-Chloronaphthalene	ND	9.9	330	"	"	"	"	"	"	
2-Chlorophenol	ND	16	330	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	13	330	"	"	"	"	"	"	
Chrysene	ND	11	330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	18	330	"	"	"	"	"	"	
Dibenzofuran	ND	9.6	330	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	12	330	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	16	330	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	14	330	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	15	330	"	"	"	"	"	"	
3,3´-Dichlorobenzidine	ND	44	660	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	15	330	"	"	"	"	"	"	
Diethyl phthalate	ND	14	330	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	36	330	"	"	"	"	"	"	
Dimethyl phthalate	ND	11	330	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	17	1700	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	10	1700	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	20	330	"	"	"	"	"	"	
2,6-Dinitrotoluene	ND	13	330	"	"	"	"	"	"	
Di-n-octyl phthalate	ND	11	330	"	"	"	"	"	"	
Fluoranthene	ND	11	330	"	"	"	"	"	"	
Fluorene	ND	7.9	330	"	"	"	"	"	"	
Hexachlorobenzene	ND	15	330	"	"	"	"	"	"	
Hexachlorobutadiene	ND	17	330	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	10	330	"	"	"	"	"	"	
Hexachloroethane	ND	17	330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	11	330	"	"	"	"	"	"	
Isophorone	ND	14	330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	10	330	"	"	"	"	"	"	

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Environmental Resources Management	Project:	Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C
Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
10D-SB03-10 (P307437-11) Soil	**Sampled: 07/21/03 13:14**		**Received: 07/21/03 16:41**							
2-Methylphenol	ND	16	330	ug/kg	1	3070610	07/29/03	08/02/03	EPA 8270C	
4-Methylphenol	ND	11	330	"	"	"	"	"	"	
Naphthalene	ND	13	330	"	"	"	"	"	"	
2-Nitroaniline	ND	17	1700	"	"	"	"	"	"	
3-Nitroaniline	ND	18	1700	"	"	"	"	"	"	
4-Nitroaniline	ND	22	1700	"	"	"	"	"	"	
Nitrobenzene	ND	16	330	"	"	"	"	"	"	
2-Nitrophenol	ND	14	330	"	"	"	"	"	"	
4-Nitrophenol	ND	23	1700	"	"	"	"	"	"	
N-Nitrosodimethylamine	ND	16	330	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	17	330	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	15	330	"	"	"	"	"	"	
Pentachlorophenol	ND	12	1700	"	"	"	"	"	"	
Phenanthrene	ND	14	330	"	"	"	"	"	"	
Phenol	ND	12	330	"	"	"	"	"	"	
Pyrene	ND	12	330	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	330	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	14	330	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	9.4	330	"	"	"	"	"	"	
Surrogate: 2-Fluorophenol		*61 %*	*11-120*			"	"	"	"	
Surrogate: Phenol-d6		*73 %*	*16-130*			"	"	"	"	
Surrogate: Nitrobenzene-d5		*75 %*	*16-126*			"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*70 %*	*28-134*			"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*68 %*	*51-144*			"	"	"	"	
Surrogate: Terphenyl-d14		*107 %*	*64-119*			"	"	"	"	

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Environmental Resources Management	Project:	Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	08/13/03 16:24

Tentatively Identified Compounds by GC/MS - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070597 - EPA 3520B LiqLiquid											
Blank (3070597-BLK1)					Prepared: 07/28/03 Analyzed: 08/06/03						
No TICs found	ND		10	ug/l							
Batch 3070610 - EPA 3550A Sonication											
Blank (3070610-BLK1)					Prepared: 07/29/03 Analyzed: 08/01/03						
No TICs found	ND		10	ug/kg							

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070597 - EPA 3520B LiqLiquid											
Blank (3070597-BLK1)					Prepared: 07/28/03 Analyzed: 08/06/03						
Acenaphthene	ND	1.2	10	ug/l							
Acenaphthylene	ND	1.4	10	"							
Anthracene	ND	0.60	10	"							
Azobenzene	ND	0.63	20	"							
Benzidine	ND	3.2	50	"							
Benzoic acid	ND	3.9	50	"							
Benzo (a) anthracene	ND	0.44	10	"							
Benzo (b+k) fluoranthene (total)	ND	1.1	10	"							
Benzo (g,h,i) perylene	ND	0.64	10	"							
Benzo (a) pyrene	ND	0.87	10	"							
Benzyl alcohol	ND	3.9	20	"							
Bis(2-chloroethoxy)methane	ND	1.1	10	"							
Bis(2-chloroethyl)ether	ND	1.5	10	"							
Bis(2-chloroisopropyl)ether	ND	1.5	10	"							
Bis(2-ethylhexyl)phthalate	ND	2.8	10	"							
4-Bromophenyl phenyl ether	ND	0.70	10	"							
Butyl benzyl phthalate	ND	2.7	10	"							
4-Chloroaniline	ND	0.55	20	"							
4-Chloro-3-methylphenol	ND	2.3	20	"							
2-Chloronaphthalene	ND	1.4	10	"							
2-Chlorophenol	ND	0.31	10	"							
4-Chlorophenyl phenyl ether	ND	0.97	10	"							
Chrysene	ND	0.45	10	"							
Dibenz (a,h) anthracene	ND	0.55	10	"							
Dibenzofuran	ND	1.1	10	"							
Di-n-butyl phthalate	ND	1.1	10	"							
1,2-Dichlorobenzene	ND	1.8	10	"							
1,3-Dichlorobenzene	ND	1.8	10	"							
1,4-Dichlorobenzene	ND	1.8	10	"							
3,3´-Dichlorobenzidine	ND	2.9	20	"							
2,4-Dichlorophenol	ND	0.47	10	"							
Diethyl phthalate	ND	0.42	10	"							
2,4-Dimethylphenol	ND	1.4	10	"							
Dimethyl phthalate	ND	0.56	10	"							

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070597 - EPA 3520B LiqLiquid											
Blank (3070597-BLK1)					Prepared: 07/28/03 Analyzed: 08/06/03						
4,6-Dinitro-2-methylphenol	ND	3.4	50	ug/l							
2,4-Dinitrophenol	ND	2.3	50	"							
2,4-Dinitrotoluene	ND	0.82	10	"							
2,6-Dinitrotoluene	ND	0.76	10	"							
Di-n-octyl phthalate	ND	0.81	10	"							
Fluoranthene	ND	0.44	10	"							
Fluorene	ND	1.0	10	"							
Hexachlorobenzene	ND	0.79	10	"							
Hexachlorobutadiene	ND	1.5	10	"							
Hexachlorocyclopentadiene	ND	0.31	10	"							
Hexachloroethane	ND	1.7	10	"							
Indeno (1,2,3-cd) pyrene	ND	0.61	10	"							
Isophorone	ND	0.71	10	"							
2-Methylnaphthalene	ND	1.4	10	"							
2-Methylphenol	ND	3.4	10	"							
4-Methylphenol	ND	3.0	10	"							
Naphthalene	ND	1.6	10	"							
2-Nitroaniline	ND	0.69	50	"							
3-Nitroaniline	ND	0.54	50	"							
4-Nitroaniline	ND	0.61	50	"							
Nitrobenzene	ND	1.3	10	"							
2-Nitrophenol	ND	0.42	10	"							
4-Nitrophenol	ND	0.51	50	"							
N-Nitrosodimethylamine	ND	1.4	20	"							
N-Nitrosodiphenylamine	ND	3.9	10	"							
N-Nitrosodi-n-propylamine	ND	0.58	10	"							
Pentachlorophenol	ND	3.1	50	"							
Phenanthrene	ND	0.56	10	"							
Phenol	ND	0.48	10	"							
Pyrene	ND	0.28	10	"							
Pyridine	ND	3.8	10	"							
1,2,4-Trichlorobenzene	ND	1.7	10	"							
2,4,5-Trichlorophenol	ND	0.61	10	"							
2,4,6-Trichlorophenol	ND	0.31	10	"							

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070597 - EPA 3520B LiqLiquid											
Blank (3070597-BLK1)					Prepared: 07/28/03 Analyzed: 08/06/03						
Surrogate: 2-Fluorophenol	*96.4*			*ug/l*	*150*		*64*	*15-103*			
Surrogate: Phenol-d6	*117*			*"*	*150*		*78*	*18-115*			
Surrogate: Nitrobenzene-d5	*90.7*			*"*	*100*		*91*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*90.2*			*"*	*100*		*90*	*40-124*			
Surrogate: 2,4,6-Tribromophenol	*144*			*"*	*150*		*96*	*11-142*			
Surrogate: Terphenyl-d14	*121*			*"*	*100*		*121*	*56-139*			
Laboratory Control Sample (3070597-BS1)					Prepared: 07/28/03 Analyzed: 08/06/03						
Acenaphthene	83.5	1.2	10	ug/l	100		84	58-120			
4-Chloro-3-methylphenol	77.5	2.3	20	"	100		78	51-116			
2-Chlorophenol	46.0	0.31	10	"	100		46	28-111			
1,4-Dichlorobenzene	63.1	1.8	10	"	100		63	29-108			
2,4-Dinitrotoluene	98.6	0.82	10	"	100		99	60-114			
4-Nitrophenol	96.3	0.51	50	"	100		96	25-148			
N-Nitrosodi-n-propylamine	73.3	0.58	10	"	100		73	29-119			
Pentachlorophenol	81.2	3.1	50	"	100		81	40-131			
Phenol	55.1	0.48	10	"	100		55	22-117			
Pyrene	96.9	0.28	10	"	100		97	52-127			
1,2,4-Trichlorobenzene	69.8	1.7	10	"	100		70	24-131			
Surrogate: 2-Fluorophenol	*45.8*			*"*	*150*		*31*	*15-103*			
Surrogate: Phenol-d6	*76.8*			*"*	*150*		*51*	*18-115*			
Surrogate: Nitrobenzene-d5	*79.2*			*"*	*100*		*79*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*82.6*			*"*	*100*		*83*	*40-124*			
Surrogate: 2,4,6-Tribromophenol	*123*			*"*	*150*		*82*	*11-142*			
Surrogate: Terphenyl-d14	*98.3*			*"*	*100*		*98*	*56-139*			
Laboratory Control Sample Dup (3070597-BSD1)					Prepared: 07/28/03 Analyzed: 08/06/03						
Acenaphthene	99.5	1.2	10	ug/l	100		100	58-120	17	27	
4-Chloro-3-methylphenol	104	2.3	20	"	100		104	51-116	29	30	
2-Chlorophenol	72.1	0.31	10	"	100		72	28-111	44	39	QR-02
1,4-Dichlorobenzene	72.7	1.8	10	"	100		73	29-108	14	41	
2,4-Dinitrotoluene	121	0.82	10	"	100		121	60-114	20	22	Q-LIM
4-Nitrophenol	118	0.51	50	"	100		118	25-148	20	44	
N-Nitrosodi-n-propylamine	85.1	0.58	10	"	100		85	29-119	15	44	
Pentachlorophenol	104	3.1	50	"	100		104	40-131	25	33	

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070597 - EPA 3520B LiqLiquid											
Laboratory Control Sample Dup (3070597-BSD1)					Prepared: 07/28/03 Analyzed: 08/06/03						
Phenol	77.2	0.48	10	ug/l	100		77	22-117	33	33	
Pyrene	117	0.28	10	"	100		117	52-127	19	25	
1,2,4-Trichlorobenzene	78.9	1.7	10	"	100		79	24-131	12	48	
Surrogate: 2-Fluorophenol	*81.4*			"	*150*		*54*	*15-103*			
Surrogate: Phenol-d6	*112*			"	*150*		*75*	*18-115*			
Surrogate: Nitrobenzene-d5	*90.7*			"	*100*		*91*	*39-103*			
Surrogate: 2-Fluorobiphenyl	*97.2*			"	*100*		*97*	*40-124*			
Surrogate: 2,4,6-Tribromophenol	*172*			"	*150*		*115*	*11-142*			
Surrogate: Terphenyl-d14	*118*			"	*100*		*118*	*56-139*			
Batch 3070610 - EPA 3550A Sonication											
Blank (3070610-BLK1)					Prepared: 07/29/03 Analyzed: 08/01/03						
Acenaphthene	ND	8.7	330	ug/kg							
Acenaphthylene	ND	7.6	330	"							
Anthracene	ND	14	330	"							
Azobenzene	ND	20	330	"							
Benzidine	ND	1700	1700	"							
Benzoic acid	ND	2.7	1700	"							
Benzo (a) anthracene	ND	7.6	330	"							
Benzo (b+k) fluoranthene (total)	ND	13	330	"							
Benzo (g,h,i) perylene	ND	8.8	330	"							
Benzo (a) pyrene	ND	10	330	"							
Benzyl alcohol	ND	11	660	"							
Bis(2-chloroethoxy)methane	ND	9.1	330	"							
Bis(2-chloroethyl)ether	ND	15	330	"							
Bis(2-chloroisopropyl)ether	ND	16	330	"							
Bis(2-ethylhexyl)phthalate	ND	9.3	330	"							
4-Bromophenyl phenyl ether	ND	13	330	"							
Butyl benzyl phthalate	ND	11	330	"							
4-Chloroaniline	ND	58	660	"							
4-Chloro-3-methylphenol	ND	11	660	"							
2-Chloronaphthalene	ND	9.9	330	"							
2-Chlorophenol	ND	16	330	"							
4-Chlorophenyl phenyl ether	ND	13	330	"							

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070610 - EPA 3550A Sonication											
Blank (3070610-BLK1)					Prepared: 07/29/03 Analyzed: 08/01/03						
Chrysene	ND	11	330	ug/kg							
Dibenz (a,h) anthracene	ND	18	330	"							
Dibenzofuran	ND	9.6	330	"							
Di-n-butyl phthalate	ND	12	330	"							
1,2-Dichlorobenzene	ND	16	330	"							
1,3-Dichlorobenzene	ND	14	330	"							
1,4-Dichlorobenzene	ND	15	330	"							
3,3´-Dichlorobenzidine	ND	44	660	"							
2,4-Dichlorophenol	ND	15	330	"							
Diethyl phthalate	ND	14	330	"							
2,4-Dimethylphenol	ND	36	330	"							
Dimethyl phthalate	ND	11	330	"							
4,6-Dinitro-2-methylphenol	ND	17	1700	"							
2,4-Dinitrophenol	ND	10	1700	"							
2,4-Dinitrotoluene	ND	20	330	"							
2,6-Dinitrotoluene	ND	13	330	"							
Di-n-octyl phthalate	ND	11	330	"							
Fluoranthene	ND	11	330	"							
Fluorene	ND	7.9	330	"							
Hexachlorobenzene	ND	15	330	"							
Hexachlorobutadiene	ND	17	330	"							
Hexachlorocyclopentadiene	ND	10	330	"							
Hexachloroethane	ND	17	330	"							
Indeno (1,2,3-cd) pyrene	ND	11	330	"							
Isophorone	ND	14	330	"							
2-Methylnaphthalene	ND	10	330	"							
2-Methylphenol	ND	16	330	"							
4-Methylphenol	ND	11	330	"							
Naphthalene	ND	13	330	"							
2-Nitroaniline	ND	17	1700	"							
3-Nitroaniline	ND	18	1700	"							
4-Nitroaniline	ND	22	1700	"							
Nitrobenzene	ND	16	330	"							
2-Nitrophenol	ND	14	330	"							

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070610 - EPA 3550A Sonication											
Blank (3070610-BLK1)					Prepared: 07/29/03 Analyzed: 08/01/03						
4-Nitrophenol	ND	23	1700	ug/kg							
N-Nitrosodimethylamine	ND	16	330	"							
N-Nitrosodiphenylamine	ND	17	330	"							
N-Nitrosodi-n-propylamine	ND	15	330	"							
Pentachlorophenol	ND	12	1700	"							
Phenanthrene	ND	14	330	"							
Phenol	ND	12	330	"							
Pyrene	ND	12	330	"							
1,2,4-Trichlorobenzene	ND	15	330	"							
2,4,5-Trichlorophenol	ND	14	330	"							
2,4,6-Trichlorophenol	ND	9.4	330	"							
Surrogate: 2-Fluorophenol	*3300*			"	*5000*		*66*	*11-120*			
Surrogate: Phenol-d6	*3680*			"	*5000*		*74*	*16-130*			
Surrogate: Nitrobenzene-d5	*2610*			"	*3330*		*78*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2760*			"	*3330*		*83*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*4340*			"	*5000*		*87*	*51-144*			
Surrogate: Terphenyl-d14	*3510*			"	*3330*		*105*	*64-119*			
Laboratory Control Sample (3070610-BS1)					Prepared: 07/29/03 Analyzed: 08/01/03						
Acenaphthene	3080	8.7	330	ug/kg	3330		92	34-114			
4-Chloro-3-methylphenol	3240	11	660	"	3330		97	24-118			
2-Chlorophenol	2690	16	330	"	3330		81	29-101			
1,4-Dichlorobenzene	2660	15	330	"	3330		80	25-104			
2,4-Dinitrotoluene	3690	20	330	"	3330		111	42-116			
4-Nitrophenol	3600	23	1700	"	3330		108	31-109			
N-Nitrosodi-n-propylamine	2860	15	330	"	3330		86	23-117			
Pentachlorophenol	3390	12	1700	"	3330		102	34-114			
Phenol	2810	12	330	"	3330		84	20-105			
Pyrene	3740	12	330	"	3330		112	30-124			
1,2,4-Trichlorobenzene	2960	15	330	"	3330		89	28-112			
Surrogate: 2-Fluorophenol	*3670*			"	*5000*		*73*	*11-120*			
Surrogate: Phenol-d6	*4060*			"	*5000*		*81*	*16-130*			
Surrogate: Nitrobenzene-d5	*2910*			"	*3330*		*87*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*3050*			"	*3330*		*92*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*5300*			"	*5000*		*106*	*51-144*			

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070610 - EPA 3550A Sonication											
Laboratory Control Sample (3070610-BS1)					Prepared: 07/29/03 Analyzed: 08/01/03						
Surrogate: Terphenyl-d14	*3750*			*ug/kg*	*3330*		*113*	*64-119*			
Matrix Spike (3070610-MS1)		**Source: P307437-06**			Prepared: 07/29/03 Analyzed: 08/01/03						
Acenaphthene	3240	8.7	330	ug/kg	3330	ND	97	30-110			
4-Chloro-3-methylphenol	3290	11	660	"	3330	ND	99	27-109			
2-Chlorophenol	2710	16	330	"	3330	ND	81	24-98			
1,4-Dichlorobenzene	2710	15	330	"	3330	ND	81	24-89			
2,4-Dinitrotoluene	3700	20	330	"	3330	ND	111	35-110			QM-07
4-Nitrophenol	3630	23	1700	"	3330	ND	109	20-110			
N-Nitrosodi-n-propylamine	2930	15	330	"	3330	ND	88	23-109			
Pentachlorophenol	3290	12	1700	"	3330	ND	99	25-123			
Phenol	2850	12	330	"	3330	ND	86	19-100			
Pyrene	3630	12	330	"	3330	ND	109	12-131			
1,2,4-Trichlorobenzene	2970	15	330	"	3330	ND	89	17-110			
Surrogate: 2-Fluorophenol	*3310*			*"*	*5000*		*66*	*11-120*			
Surrogate: Phenol-d6	*3890*			*"*	*5000*		*78*	*16-130*			
Surrogate: Nitrobenzene-d5	*2790*			*"*	*3330*		*84*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*2840*			*"*	*3330*		*85*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*4210*			*"*	*5000*		*84*	*51-144*			
Surrogate: Terphenyl-d14	*3540*			*"*	*3330*		*106*	*64-119*			
Matrix Spike Dup (3070610-MSD1)		**Source: P307437-06**			Prepared: 07/29/03 Analyzed: 08/01/03						
Acenaphthene	3320	8.7	330	ug/kg	3330	ND	100	30-110	2	26	
4-Chloro-3-methylphenol	3440	11	660	"	3330	ND	103	27-109	4	21	
2-Chlorophenol	2850	16	330	"	3330	ND	86	24-98	5	27	
1,4-Dichlorobenzene	2800	15	330	"	3330	ND	84	24-89	3	25	
2,4-Dinitrotoluene	3810	20	330	"	3330	ND	114	35-110	3	15	QM-07
4-Nitrophenol	3740	23	1700	"	3330	ND	112	20-110	3	23	QM-07
N-Nitrosodi-n-propylamine	3060	15	330	"	3330	ND	92	23-109	4	31	
Pentachlorophenol	3440	12	1700	"	3330	ND	103	25-123	4	43	
Phenol	2960	12	330	"	3330	ND	89	19-100	4	21	
Pyrene	3750	12	330	"	3330	ND	113	12-131	3	26	
1,2,4-Trichlorobenzene	3110	15	330	"	3330	ND	93	17-110	5	30	
Surrogate: 2-Fluorophenol	*3450*			*"*	*5000*		*69*	*11-120*			
Surrogate: Phenol-d6	*4030*			*"*	*5000*		*81*	*16-130*			

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Environmental Resources Management	Project: Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number: N/A	**Reported:**
Sacramento CA, 95833	Project Manager: Bruce Lewis	08/13/03 16:24

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Sequoia Analytical - Petaluma

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3070610 - EPA 3550A Sonication											
Matrix Spike Dup (3070610-MSD1)	**Source: P307437-06**				Prepared: 07/29/03 Analyzed: 08/01/03						
Surrogate: Nitrobenzene-d5	*2980*			*ug/kg*	*3330*		*89*	*16-126*			
Surrogate: 2-Fluorobiphenyl	*3050*			*"*	*3330*		*92*	*28-134*			
Surrogate: 2,4,6-Tribromophenol	*4310*			*"*	*5000*		*86*	*51-144*			
Surrogate: Terphenyl-d14	*3630*			*"*	*3330*		*109*	*64-119*			

Sequoia Analytical

1455 McDowell Blvd, North Ste D
Petaluma, CA 94954
(707) 792-1865
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Environmental Resources Management	Project:	Aerojet RI/FS	P307437
2525 Natomas Park Drive, Suite 350	Project Number:	N/A	**Reported:**
Sacramento CA, 95833	Project Manager:	Bruce Lewis	08/13/03 16:24

Notes and Definitions

J	Estimated value.
Q-LIM	The percent recovery was outside of the control limits. The samples results may still be useful for their intended purpose.
QM-07	The spike recovery was outside control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-02	The RPD result exceeded the control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

GENCORP AEROJET

Chain of Custody Record

№ 1102

E.T.R. NO:

WORK ORDER NO: 4921.03

SOURCE SITE NO:

AUGER HOLE NO:

SAMPLERS (SIGNATURE) DEMIAN WINCELE

P307437-

COC SAMPLE ID	FIELD SAMPLE NO.	DEPTH (FT.)	DATE MM/DD/YY	TIME	TYPE OF CONTAINER	# OF SAMPLE CONTAINERS	SOIL TYPE (USCS CODE)	REQUESTED SAMPLE ANALYSES: VOLATILE ORGANICS EPA 8240	BNA's EPA 8270	METALS EPA 6010	PERCHLORATE EDL-SW-006	SVOC by 8270	LABORATORY QA/QC	REMARKS
1102 A	FCS-SB01-2.5	2.5	07/21/03	0959	2X6" BRASS	1						X		REPORT TICs -1
1102 B	FCS-SB01-5	5	"	1005	"							X		-2
1102 C	FCS-SB01-10	10	"	1015	"							X		-3
1102 D	FCS-SB01-15	15	"	1020	2X3" BRASS							X		-4
1102 E	FCS-SB01-20	20	"	1027	2X3" BRASS							X		-5
1102 F	10D-SB03-1	1	"	1252	"							X		-6
1102 G	10D-SB03D-1	1	"	1252	"							X		-7
1102 H	10D-SB03-2.5	2.5	"	1258	"							X		-8
1102 I	10D-SB03-5	5	"	1306	"							X		-9
1102 J	10D-SB03-10E	NA	"	1311	1L Amber							X		-10
1102 K	10D-SB03-10	10	"	1314	2X6" BRASS	1						X		-11
1102 L			"											
1102 M			"											
1102 N			"											
1102 O			"											
1102 P			"											
1102 Q			"											
TOTALS														

COOLER CUSTODY SEALS INTACT ☐

NOT INTACT ☐

COOLER TEMPERATURE 3.5 °C

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLE CONTAINERS:
DEMIAN WINCELE	7/21/03 1641	Monica Green SEQ SAC 7/21/03	11 Rad 11
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	METHOD OF SHIPMENT:
Monica Green SEQ SAC	7/22/03	SAC	7-22-03 1425
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY LABORATORY BY: (SIGNATURE)	LABORATORY DELIVERED TO:
	7-22	7/23/03 @ 1640	

COMMENTS:

ORIGINAL – ENVIRONMENTAL OPERATIONS: *WHITE* 2ND COPY – LABORATORY: *YELLOW* 3RD COPY – SAMPLER: *PINK*

7.67.35 v. 4

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: Aerojet
REC. BY (PRINT) SA
WORKORDER: P307437

DATE Received at Lab: 7/23/03
TIME Received at Lab: 1640
LOG IN DATE: 7/23/03

(Drinking water) for regulatory purposes: YES/NO
(Wastewater) for regulatory purposes: YES/NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	#	CLIENT ID	DESCRIPTION	SAMPLE MATRIX	DATE SAMPLED	CONDITION (ETC.)
1. Custody Seal(s) Present / ~~Absent~~ Intact / Broken*			FCS-SB01-2.5	MC	S	7/21/03	
2. Chain-of-Custody ~~Present~~ / Absent*			5				
3. Traffic Reports or Packing List: Present / ~~Absent~~			10				
4. Airbill: Airbill / Sticker Present / ~~Absent~~			15				
5. Airbill #:			20				
6. Sample Labels: ~~Present~~ / Absent			3-1				
7. Sample IDs: ~~Listed~~ / Not Listed on Chain-of-Custody			1D-1				
8. Sample Condition: ~~Intact~~ / Broken* / Leaking*			2.5				
9. Does information on custody reports, traffic reports and sample labels agree? ~~Yes~~ / No*			10E	1 X1LA	W		
10. Sample received within hold time: ~~Yes~~ / No*			10	MC	S		
11. Proper Preservatives used: ~~Yes~~ / No*							
12. Temp Rec. at Lab: 3.5 (Acceptance range for samples requiring thermal pres.:4+/-2°C) ~~Yes~~ / No*							

***If Circled, contact Project Manager and attach record of resolution.**